THOMSON A3000

MODEL

SERVICE MANUAL

Thomson Consumer Electronics, Inc.

55050680
CONT ON SHEET F SH NO. 1

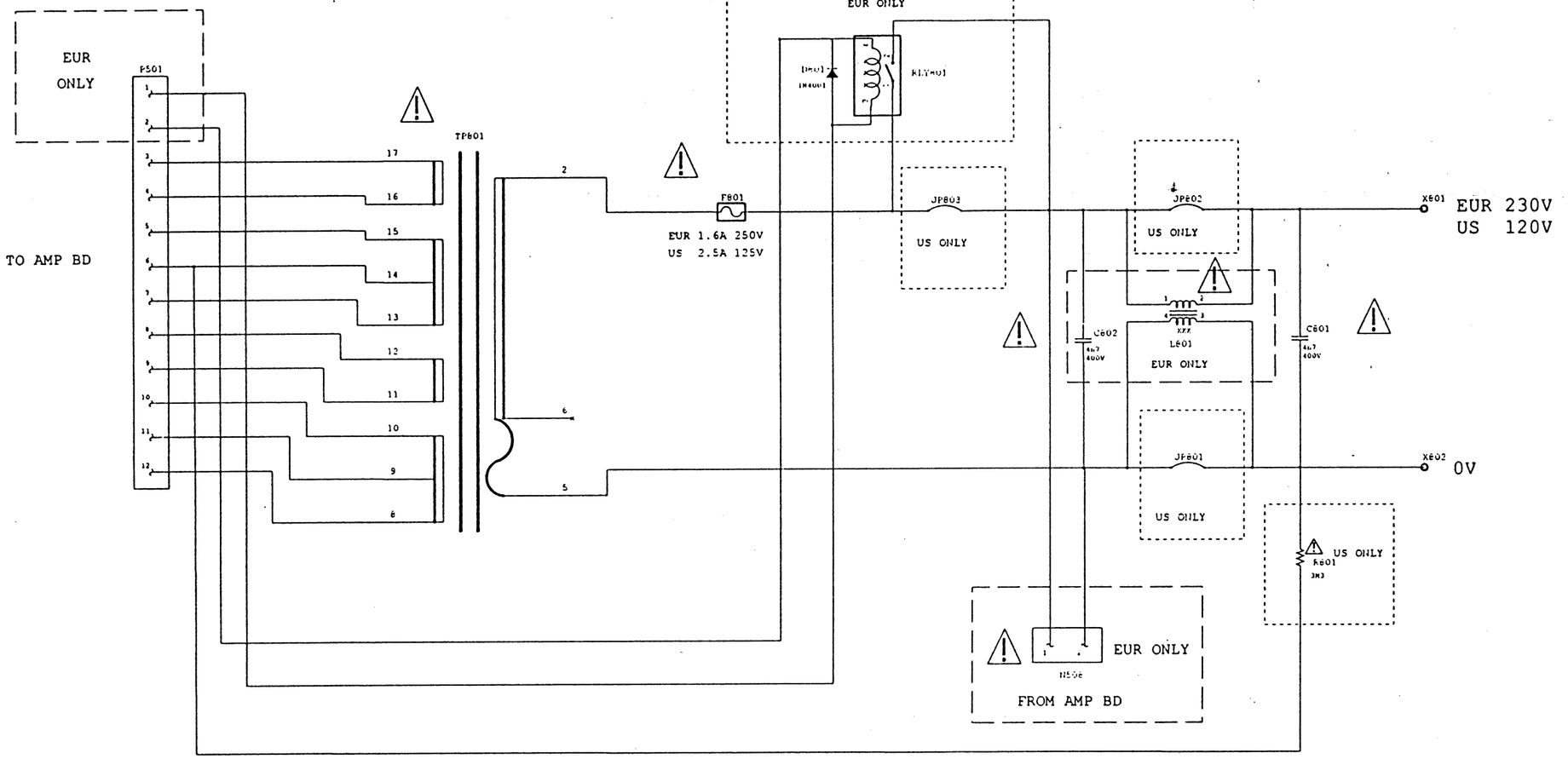
UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:-					
APPLIED PRACTICES	SURFACES	TOLERANCES ON MACHINED PARTS			
		FRACTIONS	DECIMALS	ANGLES	
	✓	±	±	±	

TITLE
SCHEMATIC POWER BD

FIRST MADE FOR CKKD2520

PAPER SIZE:C SIZE

FILENAME: 2520APS1.SCH



REVISIONS	PRINTS TO

MADE BY S F WEI	APPROVALS	ENGINEERING DIV OR DEPT	DM# 55050680
ISSUED JAN 13, 2000	01	TAGZ LOCATION	CONT ON SHEET F SH NO.

01

	TCM130-0 TCM130-2	TCM130-5	TCM130-0W TCM130-2W
SELECTION	RD10	RD10	RU10
TA02	-	-	BC848B
RA08	-	-	47k
RA10	-	-	18k
RA12	-	-	100k
RA14	0R	0R	10k
LOW GAIN	RU09	-	RU09
HIGH GAIN		RD09	

Module	RC14/BC04
TCM130-0/0W	inserted
TCM130-2/2W TCM130-5	not inserted

	DESIGNATION	TOCOM-NUMBER
DRAWN: ON: 01.06.99 BY: Bertheneier	SCHEMATIC-CD9_00_02(W)_05	10651320
CHECKED ON: BY:	DEVELOPMENT DEPT: OAMD	

THOMSON

PCAD FORMAT DIN A1

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THOMSON Audio & Communication

UNLESS OTHERWISE SPECIFIED USE THE FOLLOWING:-
APPLIED PRACTICES | SURFACES ✓ | TOLERANCES % OR DECIMALS | FRACTIONS | DEGREES

TITLE
SCHEMATIC (KEY BD)

FIRST MADE FOR CMD/2521

NOTES:

1. Unless otherwise specified:
   A. All resistor values are in ohms, 1/10W
   B. All Capacitor values are in µF
2. Voltages are positive with respect to ground under AC signal conditions and volume control minimum
3. Replace transistors with type specified from replacement parts list
4. Unless otherwise stated, all voltages take it radio "on" position
5. * and ⚠ indicate critical safety components. Replace only with those

1= WAVE DIODE
0= NO DIODE

LOCATION / VERSION	D717	D718	D719	D720	D721	D722
USA	0	0	0	0	0	0
EUROPE	1	1	1	1	1	1

1= WAVE DIODE
0= NO DIODE

MODEL / LOCATION	D726
2520	0
2521	1

SHUFFLEMIX PROG
REPEATALL
1 DISCS
INTRO
MW
FM LW
AM PM
ST CD TUNER TAPE AUX
RDS BASS
ATS SURROUND
MHz
KHz

TO POWER BD
+FIL
-FIL
-30V
GND
+10V
MUTE
ECO
RDS_QUAL
RDS_DATA
RDS_CLK
For EUR. only

TO MAIN BD
MUTE
+10V CDPWR
TUNERPWR
STI
PLL CE
SD STATION
SDATA
SCLK
TAPEMUTE
CD SYNCHRO
VMAX
AMAX(RED)
For EUR. only
For 2521 only

Only for 2521
For 2520 only
For 2521 only

CD_POWER
CD_RESET
CD_DATA
GND
CD_CLK
DRAW_DIR_CW
DRAW_DIR_CCW
DRAW_IN
DRAW_OUT
DISC_SW
PLATTER_SW
CAR_DIR_CW
CAR_DIR_CCW
SLIDER_UP
SLIDER_DN
TO CD MODULE

REVISIONS	PRINTS TO

MADE BY Tan Tao/Zhou Sulu 9-Sep-96
APPROVED
ENGINEERING JMPL
QUANG ZHOU
55036480

A-3000

NOTES:

1. Unless otherwise specified:
   A. All resistor values are in ohms, 1/10W
   B. All Capacitor values are in ㎌
2. Voltages are positive with respect to ground under ac signal conditions and volume control minimum
3. Replace transistors with type specified from replacement parts list
4. Unless otherwise stated, all voltages take it read "on" position
5. * and ⚠ indicates critical safety components. Replace only with these

1: WAVE DIODE 0: NO DIODE LOCATION / VERSION	D717	D718	D719	D720	D721	D722
USA	0	0	0	0	0	0
EUROPE	1	1	1	1	1	1

1: WAVE DIODE 0: NO DIODE LOCATION / MODEL	D726
2520	0
2521	1

SHUFFLEMIX REPEATALL 1 DISCS INTRO
MW FM LW AM PM
PROG ST
CD TUNER TAPE

Only for 2521

TO CD MODULE

CD_POWER

CD_RESET

CD_DATA

GND

CD_CLK

DAW_DIR_CW

DAW_DIR_CCW

DRAW_IN

DRAW_OUT

DISC_SW

PLATTER_SW

CAR_DIR_CW

CAR_DIR_CCW

SLIDER_UP

SLIDER_DW

TO CD MODULE

+5V

GND

IC701

1	2	3	4	5	6

CAROUSEL MOTOR BOARD